

IN THE SPECIFICATION:

Amend the specification as follows:

Insert the heading beginning on page 1, line 3 as follows:

BACKGROUND OF THE INVENTION

Heading beginning on page 1, line 11 has been amended as follows:

BACKGROUND OF THE INVENTION DESCRIPTION OF THE RELATED ART

Paragraph beginning on page 1, line 12 has been amended as follows:

A1 Portable electronic devices such as audio players or digital cameras of the portable type conventionally have incorporated therein a dry battery or secondary battery serving as the power source to realize the portability of the device. The devices are adapted to be connected to external power sources like such as commercial alternating power source, etc., for charging the secondary batteries.

Paragraph beginning at page 1, line 19 has been amended as follows:

A2 In recent years, the USB (Universal Serial Bus) has attracted attention as a universal interface for connecting a plurality of peripheral devices in common to a host computer. The USB connector, which is compliant with the USB standard, comprises a pair of data terminals D+ and D-, a power source terminal, and a grounding terminal; It can provide high speed data

A2
cancel

communication using data terminals D+ and D-, and can be used for supplying power by way of the power source terminal. Accordingly, a method is studied that a portable electronic device is provided with a USB connector and the connector is, for example, connected to a personal computer to supply power to the device.

Paragraph beginning on page 2, line 20 has been amended as follows:

A3

When the USB compliant device, for example, downloads the compressed audio data from a personal computer to store the data on the memory card incorporated therein, and thereafter to read the data stored in the memory card to reproduce the data, the audio data is read out from the memory card with the data processing executed at about 128 Kbps, which is a relatively low speed. On the other hand, when the audio data is downloaded from the personal computer through the USB connector, the audio data which records sound for an hour is about 64 MB even if the data is compressed. If the transferring speed of 12 Mbps, which is theoretical value of the USB, is drawn out to a maximum limit, it is necessary to take 40 seconds or more in transferring the data. Thus, ~~since~~ because the data needs to be transferred as fast as possible, power source voltage of the IC for executing the data transferring should be set as high as possible.

Paragraph beginning at page 4, line 19 has been amended as follows:

A4

The portable electronic device of the present invention comprises a power source terminal for connecting an external power source, an internal power source having lower voltage than the

external power source, first circuit means for executing first data processing, and second circuit means for executing second data processing which is lower in speed than the first data processing. ~~The device is characterized by the construction wherein power~~ Power is supplied by the external power source through a power source terminal when the first circuit means is operated, and power is supplied by the internal power source when the second circuit means is operated. The internal power source is formed by a dry battery or a secondary battery.

Paragraph beginning on page 5, line 11 has been amended as follows:

With the portable electronic device of the present invention, when the first circuit means is operated, the power source terminal is connected to the external power source to give the device high voltage of the power source through the power source terminal. This realizes high speed data processing. On the other hand, when the second circuit means is operated, the device is given low voltage of the power source through the internal power source, so that the data processing speed becomes lower. The speed is, though, sufficient to reproduce the audio data and the like, or rather setting of the lower voltage of the power source allows the internal power source to prolong its life.

Paragraph beginning on page 6, line 2 has been amended as follows:

Stated more specifically, the portable electronic device is a USB compliant device which has a USB connector, compliant with the USB standard, and one of terminals of the USB connector ~~constructs~~ is the power source terminal. With the specific construction, the USB

AB
Control
connector is connected to a personal computer to give the device high voltage of the power source from the personal computer realizing high-speed USB transferring with the personal computer.

Paragraph beginning on page 6, line 11 has been amended as follows:

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Further stated specifically, the first circuit means is provided by a data communication controller for executing predetermined data communication processing to conduct data communication with an external information processing device, and the second circuit means is provided by a control circuit for executing device operation processing for the usual device operation connected to the data communication controller. With ~~the~~ this specific construction, the data communication controller is supplied with high voltage of the power source to realize high speed data communication processing. When the device is operated by the control circuit, low voltage of the power source allows the internal power source to prolong its life.

Paragraph beginning on page 7, line 3 has been amended as follows:

AB
With another further specific construction, a first power supplying wire extends from the power supply terminal, and a second power supplying wire extends from the internal power supply source. Reverse flow resist means is provided on the wires, respectively, each end of the wires is interconnected, and the interconnected point is connected to the first circuit means and the second circuit means. With the specific construction, the external power source is connected to the power source terminal, so that the voltage impressed to the first wire is higher than the

A8
Control

second wire. Accordingly, power is supplied from the external power source through the first wire and the connected point to the first circuit means and the second circuit means. On the other hand, when the external power source is cut off from the power source terminal, the voltage impressed to the first wire falls to zero to supply power from the internal power source through the second wire and the connected point to the first circuit means and the second circuit means.

Paragraph beginning at page 7, line 22 has been amended as follows:

A9

As described above, the portable electronic device of the present invention adopts a method in which the two power supplying systems of a high voltage power supplying system from the external power source and a low voltage power supplying system from the internal power source are changed over according to the content of the data processing. Thus, the internal power source life can be prolonged while the device makes high speed data communication possible.

Paragraph beginning at page 8, line 10 has been amended as follows:

A10

FIG. 1 is a block diagram showing the construction of a portable audio player embodying the present invention.

Heading beginning on page 8, line 12 has been amended as follows:

A11

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS
